

**Listing of Claims:**

Claim 1 (currently amended): A method for making a printed circuit board having jumper lines, comprising the steps of:

a) ~~making a printed circuit board;~~

a) determining a pre-estimated value of an effective dielectric constant;

a1) determining a shortened size of a microwave circuit according to the pre-estimated value of the effective dielectric constant and a used working frequency;

a2) making a printed circuit board containing the microwave circuit according to the shortened size that is determined;

b) coating or printing a high dielectric value material on the printed circuit board to form an isolation layer;

c) forming multiple pads in the isolation layer of the high dielectric value material, thereby exposing part of the printed circuit board not covered by the high dielectric value material; and

d) coating or printing a high conductive material on the isolation layer of the high dielectric value material to connect the multiple pads, thereby forming a planar jumper layer that is connected to the printed circuit board through the pads.

Claim 2 (canceled).

Claim 3 (canceled).

Claim 4 (previously presented): A method for making a printed circuit board having jumper lines, comprising the steps of:

- a) determining a pre-estimated value of an effective dielectric constant;
- b) determining a shortened size of a microwave circuit according to the pre-estimated value of the effective dielectric constant and a used working frequency;
- c) providing a dielectric substrate that can increase the effective dielectric constant to the pre-estimated value;
- d) making the microwave circuit with a shortened size on the dielectric substrate;
- e) coating or printing an isolation layer on the microwave circuit;
- f) forming multiple pads in the isolation layer, thereby exposing part of the microwave circuit not covered by the isolation layer; and
- g) coating or printing a high conductive material on the isolation layer to connect the multiple pads, thereby forming a planar jumper layer that is connected to the microwave circuit through the pads.--

Claim 5 (canceled).

Claim 6 (canceled).

Claim 7 (canceled).

Claim 8 (canceled).

Claim 9 (canceled).

Claim 10 (canceled).

Claim 11 (canceled).

Claim 12 (canceled).

Claim 13 (canceled).

Claim 14 (canceled).